What is claimed is:

1. An image transformation apparatus comprising a contraction processing section that carries out contraction processing on unit image data extracted for each predetermined unit block, for each unit thereof, wherein said contraction processing section outputs the contracted image data subjected to said contraction processing and then performs said contraction processing on new unit image data.

2. An image transformation apparatus comprising:

a compressed data memory that stores compressed image data;

an image data unit block decoding section that decodes and outputs the image data stored in said compressed data memory;

a unit block storage memory that stores the image data for each unit block output from said image data unit block decoding section;

a contraction processing section that contracts the image data for each unit recorded in said unit block storage memory;

a contraction processing memory that stores the contracted image data output from said contraction processing section;

a work memory that stores temporary information at said contraction processing section;

a format transformation section that transforms the contracted image data recorded in said contraction processing memory according to a display format; and

a display memory that stores the image data transformed according to said display format.

3. A terminal apparatus comprising an image transformation apparatus that carries out contraction processing on unit image data extracted for each predetermined unit block, for each unit thereof, outputs the image data subjected to said contraction processing and then carries out said contraction processing on new unit image data.

4. The terminal apparatus according to claim 3, wherein only contracted image data is stored.

5. An image transformation method comprising:

an image data unit block decoding step of decoding and outputting digitized image data for each unit;

a contraction processing step of contracting image data for each unit obtained in said image data unit block decoding step; and

a format transforming step of transforming the contracted image data obtained in said contraction processing step according to a display format.

6. A recording medium that stores an image transformation

processing program comprising:

an image data unit block decoding step of decoding and outputting digitized image data for each unit;

a contraction processing step of contracting image data for each unit obtained in said image data unit block decoding step; and

a format transforming step of transforming the contracted image data obtained in said contraction processing step according to a display format.